

## **Environmental Chemists, Inc.**

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info@environmentalchemists.com

September 4, 2018

Brunswick County Public Utilities Post Office Box 249 Bolivia, NC 28422 Attn: Glenn Walker

Report #2018-12498 Collected – August 2, 2018

Enclosed please find your analytical report.

Sincerely,

Tammy Duran Environmental Chemists, Inc.

ANALYTICAL RESULTS: Perfluorinated Chemicals by EPA 537 Rev 1.1 Safe Drinking Water Analysis **Project Title:** Project Description: PFCs by EPA 537 (w/GenX) **Customer: Environmental Chemists** Template: 537PPTGENX Printed: 08/30/2018 12:01 NLS Project: 306264 Page 1 of 3

ANALYTE NAME	RESULT	UNITSWWB	밁	LOD	LOD	MCL	Note
perfluorobutanesulfonic acid (PFBS)	ND			6.6	21		
perfluorohexanoic acid (PFHxA)	8.73	tad	-	<u>ာ</u>	4.0		
perfluoro-2-propoxypropanoic acid (GenX)	10.9	ppt		0.73	2.3		
perfluoroheptanoic acid (PFHpA)	9.58	ppf	_	0.80	26		
perfluorohexanesulfonic acid (PFHxS)	[2.97]	ppt		2.8	8.8		_
perfluorooctanoic acid (PFOA)	4.95	ppt:		1.2	3.9		
perfluorononanoic acid (PFNA)	ND	ppt	_	1.5	4.9		man of the second control of the second cont
perfluorooctanesulfonic acid (PFOS)	8.64	ppt .	_	1.7	<del>ა</del>	m/m/ () () () () () () () () () () () () ()	
perfluorodecanoic acid (PFDA)	[1.5]	ppt		0.90	2.7	***************************************	<b>-</b>
perfluoroundecanoic acid (PFUnA)	8	ppt	_	1.0	3.0		
perfluorododecanoic acid (PFDoA)	ND	ppt		1.9	6.1		
perfluorotridecanoic acid (PFTrDA)	S	ppt	_	3.2	<del>1</del>		
perfluorotetradecanoic acid (PFTA)	N	ppt		2.8	8.9		
C13-PFHxA (SURR)	52,349%				4		SR S
C13-PFDA (SURR)	87 357%						)

ANALYTE NAME	RESULT	UNITSWWB	무	LOD	L00	MCL	Note
perfluorobutanesulfonic acid (PFBS)	ND	ppt	-	6.6	21		
perfluorohexanoic acid (PFHxA)	7.0	ppt		<u>ئ</u> ن	4.0		
perfluoro-2-propoxypropanoic acid (GenX)	7.0	ppt	-	0.73	23		
perfluoroheptanoic acid (PFHpA)	7.46	opt		0.80	26		The same of the sa
perfluorohexanesulfonic acid (PFHxS)	[2.89]	opt	_	2.8	ω ( ω (		
perfluorooctanoic acid (PFOA)	4.51	ppt	<b></b>	12	3 g		
perfluorononanoic acid (PFNA)	N	ppt	-	<u>-</u>	4.9	falls do	
perfluorooctanesulfonic acid (PFOS)	8.65	ppt -		1.7	<del>ა</del> .ა		
perfluorodecanoic acid (PFDA)	[1.62]	ppt:		0.90	2.7		_
perfluoroundecanoic acid (PFUnA)	S	pp.		1.0	3.0		
perfluorododecanoic acid (PFDoA)	S	pp.		1.9	6 1		
perfluorotridecanoic acid (PFTrDA)	N	ppt		3.2	10		
perfluorotetradecanoic acid (PFTA)	ND	pp.	-	2.8	89		
C13-PFHxA (SURR)	55.063%		. د	1	č		S GS
	100 0070/						0 0

J = Result enclosed in brackets is between LOD and LOQ, a region of less certain quantitation. S = This compound is a surrogate used to evaluate the quality control of a method. SR = Surrogate recovery was outside QC limits. C13-PFHxA recovered below QC limits.

The PFOA branch isotope peak is included in the PFOA calculation per EPA directive. GenX analysis performed by Modified EPA Method 537.

J = Result enclosed in brackets is between LOD and LOQ, a region of less certain quantitation. S = This compound is a surrogate used to evaluate the quality control of a method. SR = Surrogate recovery was outside QC limits.

C13-PFHxA recovered below QC limits.



CLIENT: BALLOSWICK COLUTY DATER

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NCDENR: DWQ CERTIFICATION # 94 NCDHHS: DLS CERTIFICATION # 37729

oouz winamiii way wiimington, NC 28405 OFFICE: 910-392-0223 FAX 910-392-4424 info@environmentalchemists.com

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